

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: William Hunter Symonds, *et al.* CONFIRMATION NO.: 1708

SERIAL NO.: 10/542,676 GROUP ART UNIT: 1797

FILED: July 19, 2005 EXAMINER: Turner, Sonji
Lucas

FOR: APPARATUS FOR COLLECTING PARTICLES

ATTORNEY DOCKET NO.: 41577/317731

DATE:

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Commissioner for Patents
P. O. Box 1450
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3/6/09
Angela M. Rossi

REQUEST FOR ISSUANCE OF INITIALED FORM PTO/SB/08

Sir:

On August 26, 2005, Applicants submitted to the U.S. Patent and Trademark Office (the "USPTO") a Supplemental Information Disclosure Statement, two sheet of Form PTO/SB/08, and twelve publications to be considered in the above-referenced patent application. Applicants have received an initialed copy of the Form PTO/SB/08, however, the Non-Patent Literature Documents cited as "Abstract of Russian Patent Document No. 2115485 (May 6, 1997)" has not been initialed by the Examiner. Applicants attach copies of the Supplemental Information Disclosure Statement and Form PTO/SB/08 together with a copy of the postcard acknowledging receipt by the USPTO of the above-identified documents. Applicants request that the USPTO consider the Non-Patent Literature Document and initial Form PTO/SB/08.

The Commissioner is authorized to charge any fees due in connection with this filing to
Deposit Account No. 11-0855

If there are any matters that can be addressed by telephone, the Examiner is urged to
contact the undersigned attorney at 404.815.6528.

Respectfully submitted,



Dean W. Russell
Reg. No. 33,452

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1100 Peachtree Street
Suite 2800
Atlanta, Georgia, 30309-4530
404 815 6528 (direct phone)
404 541 3377 (direct fax)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
)
 W. Symonds, et al.) GROUP ART UNIT: unknown
)
 Serial No.: 10/542,676) EXAMINER: unknown
)
 Filed: July 19, 2005)
)
 For: APPARATUS FOR SEPARA-)
 TING AND COLLECTING)
 PARTICLES)

August 26, 2005
 Attorney Docket No. 41577/317731

Commissioner for Patents
 P.O. Box 1450
 Alexandria, Virginia 22313-1450

I hereby certify that this correspondence is being
 deposited with the United States Postal Service
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 Commissioner of Patents and Trademarks, Alex-
 andria, VA 22313-1450. AUGUST 26, 2005
Don W. Kinner
 Signature

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Pursuant to 37 C.F.R. §§ 1.56, 1.97, and 1.98,
 Applicants identify the materials listed below and on the form
 accompanying this submission:

U.S. PATENTS/PUBLICATION

<u>Number</u>	<u>Inventors</u>	<u>Date</u>
1,971,387	Scoville	August 28, 1934
6,184,517	Sawada, et al.	February 6, 2001
2002/0078826	Day	June 27, 2002

NON-U.S. PATENT DOCUMENTS

<u>Number</u>	<u>Country/Region</u>	<u>Date</u>
558710	Russia	May 25, 1977
63224754	Japan	September 19, 1988
251108	Switzerland	October 15, 1947
2004808	Germany	October 22, 1970
3428539	Germany	February 13, 1986
WO 89/10795	WIPO/PCT	November 16, 1989
0597786	Europe (EPO)	May 18, 1994

OTHER MATERIALS

Abstract of Japanese Patent Document No. 63224754
(September 19, 1988).

Abstract of Japanese Patent Document No. 2003053308
(February 25, 2003).

Abstract of Russian Patent Document No. 2092247
(October 10, 1997).

Abstract of Russian Patent Document No. 2115485 (May 6,
1997).

Abstract of Soviet Patent Document No. 800534 (January
30, 1981).

Copies of the listed materials (other than the U.S. patents and publication), together with English-language abstracts of the Russian, Japanese, European, and German '539 patent documents, are enclosed. Applicants do not concede that the identified materials, or any of them, constitute prior art within the meaning of the United States patent laws. Applicants believe the Swiss and German '808 documents may be relevant at least because cited in the International Search Report for the international version of the application and appear to relate to particle separators or collectors.

Applicants are submitting this paper within three months of the filing of the application and before receipt of an Office Action concerning the merits of the invention claimed in the application and accordingly believe no fee is due. See 37 C.F.R. § 1.97(b). However, if Applicants' beliefs are mistaken,

the Assistant Commissioner is authorized to debit deposit account
No. 11-0855 for any such fee presently due.

OF COUNSEL:

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1100 Peachtree Street
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Atlanta, Georgia 30309
(404) 815-6500

Respectfully submitted,



Dean W. Russell
Reg. No. 33,452
Attorney for the Assignee

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Complete if Known	
		<i>Application Number</i>	10/542,676
		<i>Filing Date</i>	July 19, 2005
		<i>First Named Inventor</i>	W. Symonds, et al.
		<i>Art Unit</i>	Unknown
		<i>Examiner Name</i>	Unknown
		<i>Attorney Docket Number</i>	41577/317731
Sheet		of	

[illegible]

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁴
		Country Code ² - Number ⁴ - Kind Code ³ (if known)				
		Russia - 558710	05/25/77			X
		Japan - 63224754	09/19/88			X
		Switzerland - 251108	10/15/47			
		Germany - 2004808	10/22/70			
		Germany - 3428539	02/13/86			X
		WIPO/PCT - WO 89/10795	11/16/89			
		Europe (EPO) - 0597786	05/18/94			X

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.¹ Applicant's unique citation designation number (optional).² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Substitute for form 1449B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		<i>Application Number</i>	10/542,676
		<i>Filing Date</i>	July 19, 2005
		<i>First Named Inventor</i>	W. Symonds, et al.
		<i>Art Unit</i>	Unknown
		<i>Examiner Name</i>	Unknown
(Use as many sheets as necessary)		<i>Attorney Docket Number</i>	41577/317731
Sheet		of	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Abstract of Japanese Patent Document No. 63224754 (September 19, 1988)	
		Abstract of Japanese Patent Document No. 2003053308 (February 25, 2003)	
		Abstract of Russian Patent Document No. 2092247 (October 10, 1997)	
		Abstract of Russian Patent Document No. 2115485 (May 6, 1997)	
		Abstract of Soviet Patent Document No. 800534 (January 30, 1981)	

Examiner Signature		Date Considered	
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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

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PN - RU2115485 C 19980720
PD - 1998-07-20
PR - RU19970107708 19970506
OPD - 1997-05-06
TI - BATTERY CYCLONE
AB - FIELD: gas cleaning; cleaning atmospheric air before admitting it to compressors of gas-turbine engines to protect its blades from abrasive wear and outlet components from ice. SUBSTANCE: battery cyclone has air intake chambers arranged in tiers, precipitation-trapping lips, cyclone parts, clean gas outlet manifolds, tier dust collectors, and air heating system with hot-gas outlets brought to air intake chambers. Air heating system has pipeline arranged at side flanges of precipitation-trapping lips; gas outlets are placed away from pipeline and terminate in manifolds one of whose walls is formed by lip flanges. Manifolds are provided with hot gas guiding slits whose space crosses atmospheric-air inlet zone. EFFECT: improved reliability of preventing ice formation on surfaces of battery cyclone due to uniform heating of admitted atmospheric air. 2 dwgn
IN - BUDUSOV V G; ERMOLIN M A; LEPIKHIN JU V; PROKLOV I A; ZARITSKIY V I; PCHELKIN V V
PA - OTKRYTOE AKTSIONERNOE OBSHCHESTVO STVENNOE OBYEDINENIE ISKRA
IC - B04C5/20

© WPI / DERWENT

TI - Battery cyclone
PR - RU19970107708 19970506
PN - RU2115485 C1 19980720 DW200002 B04C5/20 000pp
PA - (ISKR-R) ISKRA SCI PRODN ASSOC STOCK CO
IC - B04C5/20
IN - BUDUSOV V G; LEPIKHIN YU V; ZARITSKII V I
AB - RU2115485 NOVELTY - Battery cyclone has air intake chambers arranged in tiers, precipitation-trapping lips, cyclone parts, clean gas outlet manifolds, tier dust collectors, and air heating system with hot-gas outlets brought to air intake chambers. Air heating system has pipeline arranged at side flanges of precipitation-trapping lips; gas outlets are placed away from pipeline and terminate in manifolds one of whose walls is formed by lip flanges. Manifolds are provided with hot gas guiding slits whose

space crosses atmospheric-air inlet zone.

- USE - Gas cleaning; cleaning atmospheric air before admitting it to compressors of gas-turbine engines to protect its blades from abrasive wear and outlet components from ice.
- ADVANTAGE - Improved reliability of preventing ice formation on surfaces of battery cyclone due to uniform heating of admitted atmospheric air. 2 dwgn
- (Dwg.1/1)

OPD - 1997-05-06

AN - 2000-021641 [02]

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Complete if Known

Application Number	10/542,676
Filing Date	July 19, 2005
First Named Inventor	W. Symonds, et al.
Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	41577/317731

(Use as many sheets as necessary)

Sheet of

[illegible]

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patente or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ^o
		Country Code ² - Number ⁴ - Kind Code ³ (if known)				
/S.T./		Russia - 558710	05/25/77			X
/S.T./		Japan - 63224754	09/19/88			X
/S.T./		Switzerland - 251108	10/15/47			
/S.T./		Germany - 2004808	10/22/70			
/S.T./		Germany - 3428539	02/13/86			X
/S.T./		WIPO/PCT - WO 89/10795	11/16/89			
/S.T./		Europe (EPO) - 0597786	05/18/94			X

Examiner Signature	/Sonji Turner/	Date Considered	07/03/2008
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Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

of

Complete if Known

Application Number	10/542,676
Filing Date	July 19, 2005
First Named Inventor	W. Symonds, et al.
Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	41577/317731

NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/S.T./		Abstract of Japanese Patent Document No. 63224754 (September 19, 1988)	
/S.T./		Abstract of Japanese Patent Document No. 2003053308 (February 25, 2003)	
/S.T./		Abstract of Russian Patent Document No. 2092247 (October 10, 1997)	
		Abstract of Russian Patent Document No. 2115485 (May 6, 1997)	
/S.T./		Abstract of Soviet Patent Document No. 800534 (January 30, 1981)	

Examiner Signature	/Sonji Turner/	Date Considered	07/03/2008
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JC02 Rec'd PCT/PTO 29 AUG 2005

The "Received" stamp of the Patent Office imprinted hereon will acknowledge receipt of:

Applicant Identifier:	W. Symonds	Docket No. 41577/317731
Application No.:	10/542,676	
Filing Date:	July 19, 2005	
Title:	APPARATUS FOR SEPARAG AND COLLECTING PARTICLES	
PAPERS SUBMITTED:		
1. Information Disclosure Statement		
2. Form PTO/SB/08b (including non-US citations, references and abstracts)		
By:	Dean W. Russell, Reg. No. 33,452	
Date:	August 26, 2005	Certified Mail No. 7002 0860 0006 5350 8787

41577-317731